Date: Fri, 12 Mar 93 04:30:16 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #310
To: Info-Hams

Info-Hams Digest Fri, 12 Mar 93 Volume 93 : Issue 310

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 12 Mar 93 09:27:13 GMT
From: pipex!bnr.co.uk!uknet!uos-ee!ee.surrey.ac.uk!M.Willis@uunet.uu.net
Subject: 200km range radio phone?
To: info-hams@ucsd.edu

Yes they exist. No they are not legal to use.

Date: Fri, 12 Mar 1993 09:54:44 GMT
From: pipex!sunic!aun.uninett.no!nuug!swing!ddm3!magne@uunet.uu.net
Subject: alfa, bravo ...
To: info-hams@ucsd.edu

P.Bennett (bennett@erich.triumf.ca) wrote:
: In article <1993Mar5.120357.28767@aau.dk>, adminpb@aau.dk (Nis Peder Bonde) writes...
: >I'm sorry for wasting bandwidth on such a stupid question, but
: >I haven't been able to find anything on this subject.
: >
: >I know that there is a table of "names" for each letter. I don't
: >know what such a table is called, but I remember this from various
: >films:
: >

: What you are looking for is called a "Phonetic Alphabet". The current ITU
: version is:

: Alpha, Bravo, Charlie, Delta, Echo, Foxtrot, Golf, Hotel, India,
: Juliett, Kilo, Lima, Mike, November, Oscar, Papa, Quebec, Romeo,
: Sierra, Tango, Uniform, Victor, Whiskey, X-Ray, Yankee, Zulu.

: There have been other versions in the past (WW2 used able, baker...) but this
: is the current one.

There are also national extensions to this list. In Norway we have
aerlig (ae = norw./danish character)
oesten (oe = 'o' with a slash)
aase (aa = 'a' with a ring over)
for the last three letters. I don't remember if you use the same three
in Denmark. You should be able to find it in an encyclopedia or in the
book "Vejen til Sendetilladelsen" published by EDR Forlag (EDR = "The Danish
Radio Relay League"). Guess you can find that book in any public library.

Good luck

-Magne LA1BFA (magne@statoil.no)

Date: 12 Mar 93 08:55:49 GMT
From: pipex!bnr.co.uk!uknet!uos-ee!ee.surrey.ac.uk!M.Willis@uunet.uu.net
Subject: A pair of coax <-> ladder line ???
To: info-hams@ucsd.edu

In article <1209@arrl.org>, zlau@arrl.org (Zack Lau) writes:
|> I've measured the loss of a pair of RG-174/U cables and found it
|> to be higher than a single run of RG-174. I don't see how the
|> efficiency can be all that high. Even 75 ohm transmitting twin
|> lead isn't that great (.42 dB loss/100 ft at 10 MHz, Amphenol
|> 214-023--I don't think they make it anymore, though).

|>
|> Zack Lau KH6CP/1
|>
|> Internet: zlau@arrl.org   "Working" on 24 GHz SSB/CW gear
|>   Operating Interests: 10 GHz CW/SSB/FM
|> US Mail: c/o ARRL Lab   80/40/20 CW
|>   225 Main Street   Station capability: QRP, 1.8 MHz to 10 GHz
|>   Newington CT 06111   modes: CW/SSB/FM/packet
|>   amtor/baudot
|> Phone (if you really have to): 203-666-1541
|>
|> In rec.radio.amateur.misc, kip@utxvms.cc.utexas.edu writes:
|> >I was once told that I can get the same efficiency benefits of open-wire line
|> >by using a pair of coaxial cables, shorting the shields together at both ends,
|> >and using the two center conductors as the actual antenna leads. My source
|> >told me that this was not only as efficient as ladder line but also gave most
|> >of the shielding benefits of coax, and that I could bury the cables or in
|> >general just not worry about what they ran close to the way I would with
ladder
|> >line.
|> >
|> >

No I don't think so. What you need is sheilded twin, easy to get but quite expensive and really no better as the loss is in the dielectric. (extra loss that is over twin feeder with air dielectric, i.e. ladder line.)

Why not take some ladder line, and bury it in a large bore plastic pipe well away from other conductors. You can't just bury coax it will rot.

Mike

Date: Thu, 11 Mar 1993 20:05:11 MST
From: destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!alberta!adec23!
ve6mgs!usenet@uunet.uu.net
Subject: ARRL DX Bulletin #13 - March 11, 1993
To: info-hams@ucsd.edu

ZCZC AE39
QST de W1AW
DX Bulletin 13 ARLD013
~From ARRL Headquarters
Newington CT March 11, 1993
To all radio amateurs

SB DX ARL ARLD013

ARLD013 DX news

Thanks to the Yankee Clipper Contest Club PacketCluster Network for the items in this week's bulletin.

KINGMAN REEF. Hungry DXers who were busy on PacketCluster spotting the /MM operations and the vessel's location as it approached the reef can relax. N9NS/KH5K is on the air. They have been worked from the eastern United States on 7020 and 14195 kHz, QSX up, between 1200 and 1300z. Plans call for satellite, six meter and four HF stations to be up and running. SSB, CW and RTTY operators will all have a chance to work this one.

PALMYRA ISLAND. As of press time there have been no spots indicating that the Palmyra operation has started. Stay tuned to DX nets and keep an eye on the PacketCluster screen for N0AFW/KH5.

BANGLADESH. S21ZM has been very busy on 20 meters. CW operations are happening between 0130 and 0230z around 14023 kHz, QSX up. For SSB check 14256 kHz around 1200z.

FERNANDO DE NORONHA. Peter, PY5CC, has been operating PY0FM on 7063 kHz QSX 7188 and 3796 kHz QSX 3802, between 2300 and 0100z.

SPRATLY ISLANDS. The big, one week operation slated to begin this weekend has been postponed. Expect Spratly to be active no earlier than April.

NORTHERN MARIANAS. There have been no spots yet for the Rota Island operation of AH0AL by Tosy, JA6VZB. Stay tuned.

MELLISH REEF. This just in to W1AW. Mellish Reef will return to the airwaves mid to late September 1993. A multinational team of DXers will travel via the yacht Banyandah, captained by Jack, KB7NW. The team includes VK4CRR, VK2RQ/VK2BJ, P29DX/G4JVG and WA4DAN.

Plans are for three or four, legal limit stations to operate around the clock for eight days. They will be on 160 through 6 meters, with monoband Yagis on the higher bands, and verticals and wires on the lower bands.

For additional information, send your request with an SASE to Murray Adams, WA4DAN, c/o 1993 Mellish Reef DXped, 403 East 14th Street, Greenville NC 27858.

CHANGE IN DXCC COUNTRIES LIST. On March 10 the ARRL Awards Committee voted unanimously to accept the DXAC recommendation to delete Abu Ail Islands from the DXCC Countries List, effective March

31, 1991. When the Red Sea Lights Company relinquished control of the islands on that date, they became unadministered. Because of this change of status, the area now falls under Point 4 of the Countries List Criteria.

THIS WEEKEND ON THE RADIO. The YL-ISSB QSO Party is this weekend. Check page 115 of January QST for details. The Wisconsin QSO Party will be held on the 14th and 15th. For more info, see page 109 of February QST.
NNNN

--
Jim Reisert   Internet: reisert@mast.enet.dec.com
Digital Equipment Corp.   UUCP: ...decwrl!mast.enet.dec.com!reisert
146 Main Street   - MLO3-6/C9   Voice: 508-493-5747
Maynard, MA 01754   FAX: 508-493-0395

Date: Fri, 12 Mar 1993 05:53:03 GMT
From: usc!wupost!emory!rsiatl!ke4zv!gary@network.UCSD.EDU
Subject: DX forwarding from BBS (a question)
To: info-hams@ucsd.edu

In article <9303111944.AA22789@cmr.ncsl.nist.gov> rc@cmr.ncsl.nist.gov (Robert Carpenter) writes:
>
>I have been asked (by a newbe) BBS operator how he can forward messages
>overseas, such as to the Philipines. Of course he is also interested in the
>reverse path.
>
>Maybe this is the wrong forum, but please reply anyhow. I know about the
>store-and-forward satellites, but think that is probably beyond this fellow.
>He needs an appliance-operator solution. Do you have one.

The solution is really simple Bob. All he has to do is join the cooperative forwarding network of BBSs. Like UUCP distribution of Usenet, each BBS forwards to other BBSs who in turn forward to yet other systems. In each region of the world there are HF BBS systems that interconnect to the VHF networks. Eventually his traffic will reach one of those systems and it will forward his traffic internationally where it will be received and reinserted into the VHF network near the destination. A few of these regional systems now have satellite access too so the traffic may go part of the way by satellite.

Packet is no place for the lone wolf. It takes cooperating systems to move the traffic. Such systems exist, and newbie BBS operators need to coordinate their activities with the established systems in order

to succeed. Operating a forwarding BBS is serious business. If an operator puts one up and joins the system, he has to make a commitment to *keep* it up and running because people are going to depend on his station as a link in the forwarding chain. Most of the BBS operators I know have spare computers, radios, and antennas on standby to insure continuity of operations. They spend many hours each week doing the necessary housekeeping chores to keep the mail flowing. Make sure this fellow understands the responsibility he is assuming before he gets in over his head.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Fri, 12 Mar 1993 07:49:38 GMT
From: nwnexus!seanews!peterk@uunet.uu.net
Subject: Flexible 2m 1/4 wave antenna
To: info-hams@ucsd.edu

a-kevinp@microsoft.COM (Kevin Purcell, Rho) writes:

> Does anyone make a flexible 2m 1/4 wave antenna on a BNC plug? That is
> a non-helical, non-lossey antenna that won't break when you run it into
> solid objects.
>
> Kevin Purcell N7WIM / G8UDP
> a-kevinp@microsoft.com
> "We conjure the spirits of the computer with our spells"
>

Kevin, you can make one very easily. Just use 19.75" of steel measuring tape. Connect it to the center conductor of the BNC with a thin, stiff piece of wire, as short as possible. Then surround the top of the BNC and the first 1/2 inch of the measuring tape with epoxy putty. When the putty dries, you can make it look nicer by covering it with heat shrink tubing.

Then if you really want to get fancy, you can make a 19.75" counterpoise wire ("L" shaped) and fasten it to the outside of the BNC connector with an alligator clip. Presto, instant dipole. See "Hints & Kinks" in the January 1986 "QST," p. 48, for details. You'll also see a picture of me holding an HT equipped with the aforementioned dipole. I wrote up the

counterpoise wire trick for them years ago, and they actually printed it.
If you can't get hold of the QST, email me.

Peter Klein, KD7MW

--
[] SEANEWS [] Seattle Public Access Usenet News + Mail [] +1 206 747 NEWS []
peterk@seanews.akita.com

Date: Fri, 12 Mar 1993 06:47:18 GMT
From: usc!howland.reston.ans.net!gatech!wa4mei!ke4zv!gary@network.UCSD.EDU
Subject: Home Made antenna
To: info-hams@ucsd.edu

In article <1993Mar12.023051.10972@fuug.fi> an15663@anon.penet.fi writes:
>
>I am so embarassed to ask this, I am posting anonymously. 8-)
>
>Here is a "beginner" question for ya. I have a 2-meter rig that I
>would like to attach a better antenna on to. just so I can listen to
>the locals a bit better .. would it be crazy to thing I can use coax
>(RG-58) with BNC connectors to act as a temporary antenna? One additional
>question, I assume this would have to be a certain resistance .. so
>would soldering a 50 ohm resistor across the end (the end not connected
>to the radio, of course) be sufficient to allow the coax to be
>"functional" as an antenna?

No, this will make it function as a dummy load. If the coax is any
good, it shouldn't act as an antenna at all. Since real coax does
leak, it might pick up strong local signals, but not very well.

What you want to do is indeed attach a better antenna to the coax.
These are easy to make. A 1/4 wave goundplane antenna can be made
with four 19 inch lengths of stiff wire and a coax connector. A
rollup J-pole can be made from a 54 inch length of TV twinlead.
Of course a vertical dipole can be made from two 19 inch wires.
And if coax is all you've got, a sleeve dipole can be constructed
by folding back the braid 19 inches from the end. I posted a
drawing a few days ago.

Go to the library and take a look at the ARRL Antenna Book or
the ARRL Handbook for detailed information on constructing
any of these antennas.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 10 Mar 93 06:56:34 GMT
From: usc!sdd.hp.com!zaphod.mps.ohio-state.edu!howland.reston.ans.net!gatech!
emory!ogicse!das-news.harvard.edu!cantaloupe.srv.cs.cmu.edu!
crabapple.srv.cs.cmu.edu!andrew.cmu.edu!kp2a+@network.
Subject: N4CD 1992 Callbook Address
To: info-hams@ucsd.edu

Could someone please give 1992 Callbook address for N4CD? I gave away my
1992 Callbooks to the Cal-Tech radio club!

Thanks for your help.

Keith Poole (K7MOA/3)

Date: Fri, 12 Mar 1993 05:57:43 GMT
From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!emory!rsiatl!ke4zv!
gary@network.UCSD.EDU
Subject: VHF Car Antenna: 1/2 or 1/4 wave??
To: info-hams@ucsd.edu

In article <11MAR93.22864201.0038@UNBVM1.CSD.UNB.CA> Paul Cormier <Y6HJ@UNB.CA>
writes:
>Hi,
>
>I'm looking into buying an antenna for my car, but I can't decide if I
>should be a 1/2 or 1/4 wave antenna. I know that I'll get a better
>transmission on a 1/2 wave, but the antenna would be over 3 feet long!
>(That's almost the same height as my car, and I don't want my car to
>look like a mobile tower)
>
>So my question is: Is there a BIG difference between a 1/2 wave and
>a 1/4 wave car antenna?
>
>For those who need to know:
>- my radio is an Alinco DJ-580. (~2 watts)

We don't need to know about the radio, but tell us about this three
foot high car. What in the world is it, a Lotus Europa?

As far as antennas go, a 5/8 wave antenna will work best, sited in
a drilled hole in the middle of the roof. Second choice would be
a 1/4 wave mounted in the same location. Forget the 1/2 wave glass
mounts; they won't perform nearly as well.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Fri, 12 Mar 93 06:59:49 GMT
From: usc!wupost!emory!rsiatl!jgd@network.UCSD.EDU
To: info-hams@ucsd.edu

References <9303101358.AA07555@ucsd.edu>, <jzjt6=f@dixie.com>,
<cole.109.731876607@soldev.tti.com>
Subject : Re: Ham Radio Outlet incident

cole@soldev.tti.com (Randy Cole) writes:

>>I'll give you a tip as to why: The HRO store here in Atlanta also uses
>>non-paid volunteers. What a concept? Letting the kids play in the
>>toy store.

>What a concept? WHAT A RIPOFF!

>If this is true (note continued skepticism based on gut instince and
>suppositions), my opinion of HRO just went in the toilet. Let me
>give a few reasons

[Massive valleygirl-style whine deleted.]

>Yeah, I know, life isn't fair. But nobody forces me to buy from HRO.
>I've been treated well by HRO in the past. Maybe there are mitigating
>circumstances that aren't obvious. But if this "volunteer" crap is
>true, I'll buy from someone else, thank you.

Know what Randy? I don't give a flying f*ck what you consider to be
fair. While I'm no fan of HRO and have received generally surly treatment
from certain of their EMPLOYEES (as opposed to the nice guys who hang around
on the weekends) at the Atlanta store, I do have to occasionally buy something
there. I pray that all people such as yourself WILL stay away so that I

won't have to wait in line to pay and I can face-to-face ragchew with
the employees and volunteers without them having to feel pressed to wait
on other customers.

So go ahead, stay away. I highly encourage you to. Other hams who appreciate
the environment will thank you.

John

--
John De Armond, WD4OQC |Interested in high performance mobility?
Performance Engineering Magazine(TM) | Interested in high tech and computers?
Marietta, Ga | Send ur snail-mail address to
jgd@dixie.com | perform@dixie.com for a free sample mag
Need Usenet public Access in Atlanta? Write Me for info on Dixie.com.

End of Info-Hams Digest V93 #310
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